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By:   
Brendy Lynn Belony

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor :Syouji OHISHI

Filed :July 17, 2001

For :DEMODULATION APPARATUS....

Serial Number :09/907,002

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JUL 14 2004

Technology Center 2600

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 6, 2004

**INFORMATION DISCLOSURE STATEMENT**

SIR:

In order to comply with discretionary regulations 37 CFR 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of the documents listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

Also attached is a copy of the European Search Report dated April 5, 2004 from the corresponding European Patent Application. All of the documents listed in Form PTO-1449 appear in the European Search Report. The European Search Report explains the relevancy of the documents listed in the Form PTO-1449.

As this statement is being filed prior to issuance of a first Office Action, no fee is due.




The present Disclosure Statement is being submitted in compliance with 37 CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

Any fee due with this paper may be charged on Deposit Account 50-1290.

Respectfully submitted,

  
Brian S. Myers  
Reg. No. 46,947

Customer Number: 026304  
Docket No: FUJR 18.849



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Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

1449

U.S. Department of Commerce  
Patent and Trademark Office

Application No. : 09/907,002

Filing Date : July 17, 2001

First Named Inventor: S. OHISHI

Group Art Unit :

Examiner Name :

Attorney Docket No. : FUJR 18.849

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		6,108,525		TAKEMURA	08-22-2000	

**FOREIGN DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY/Y	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear

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**Other Prior Art-Non Patent Literature Documents**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
		VALERIE CUEFF et al. QML Algorithm near Cramer Rao Bound for Phase and Frequency Estimation. IEEE Vehicular Technology Conference, pgs 586-589, May 2000	
		YI-PIN ERIC WANG et al. Initial Frequency Acquisition in W-CDMA. IEEE Vehicular Technology Conference, pgs 1013-1017, September 1999	
		D.W.PARK, et al. An Asynchronous Digital Demodulator for TDMA. International Conference on Universal Personal Communications, pgs 431-435, October 1993	
		MICHEL TERRE et al. QML-MC Algorithm for Frequency Estimation on Multipath Channels. IEEE Vehicular Technology Conference, pgs 1639-1643, May 2001	

Examiner Signature		Date Considered	
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1<sup>1</sup> if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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